

#12

02/20



ENTERED OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/833,079

DATE: 03/15/2002 P.5
TIME: 14:33:07

Input Set : A:\50939104.app

Output Set: N:\CRF3\03152002\I833079.raw

3 <110> APPLICANT: O'HANLEY, PETER
 4 DENICH, KENNETH
 5 SCHMIDT, M. ALEXANDER
 7 <120> TITLE OF INVENTION: IMMUNOGENIC PILI PRESENTING FOREIGN PEPTIDES, THEIR
 8 PRODUCTION AND USE
 10 <130> FILE REFERENCE: 050939/0104
 12 <140> CURRENT APPLICATION NUMBER: 09/833,079
 13 <141> CURRENT FILING DATE: 2001-04-12
 15 <160> NUMBER OF SEQ ID NOS: 39
 17 <170> SOFTWARE: PatentIn Ver. 2.1
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 8
 21 <212> TYPE: PRT
 22 <213> ORGANISM: Artificial Sequence
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 26 peptide
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 29 Pro Gln Gly Gln Gly Lys Val Thr
 30 1 5
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 34 <211> LENGTH: 11
 35 <212> TYPE: PRT
 36 <213> ORGANISM: Artificial Sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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 44 1 5 10
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 49 <212> TYPE: PRT
 50 <213> ORGANISM: Artificial Sequence
 52 <220> FEATURE:
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 58 1 5
 61 <210> SEQ ID NO: 4
 62 <211> LENGTH: 13
 63 <212> TYPE: PRT

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64 <213> ORGANISM: Artificial Sequence
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67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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78 <213> ORGANISM: Artificial Sequence
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81 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
82     peptide
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86   1             5
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91 <212> TYPE: PRT
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
96     peptide
98 <400> SEQUENCE: 6
99 Asn Phe Lys Lys Ala Ala Gly Gly Gly Ala Lys Thr
100  1             5             10
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104 <211> LENGTH: 10
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
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114  1             5             10
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119 <212> TYPE: PRT
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122 <220> FEATURE:
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128  1             5             10
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132 <211> LENGTH: 12

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RAW SEQUENCE LISTING

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134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
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142   1             5             10
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147 <212> TYPE: PRT
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150 <220> FEATURE:
151 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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156   1             5
159 <210> SEQ ID NO: 11
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162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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170   1             5             10
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175 <212> TYPE: PRT
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178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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182 <400> SEQUENCE: 12
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188 <211> LENGTH: 8
189 <212> TYPE: PRT
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
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194     peptide
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198   1             5
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/833,079

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TIME: 14:33:08

Input Set : A:\50939104.app

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212     1             5
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218 <213> ORGANISM: Artificial Sequence
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232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
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238 <400> SEQUENCE: 16
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245 <212> TYPE: PRT
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259 <212> TYPE: DNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
265 <400> SEQUENCE: 18
266 attaacccctc actaaag
269 <210> SEQ ID NO: 19
270 <211> LENGTH: 17

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RAW SEQUENCE LISTING

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Input Set : A:\50939104.app

Output Set: N:\CRF3\03152002\I833079.raw

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271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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281 <210> SEQ ID NO: 20
282 <211> LENGTH: 16
283 <212> TYPE: DNA
284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
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290 aacagctatg accatg 16
293 <210> SEQ ID NO: 21
294 <211> LENGTH: 20
295 <212> TYPE: DNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
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301 <400> SEQUENCE: 21
302 atgagactgc gattctctgt 20
305 <210> SEQ ID NO: 22
306 <211> LENGTH: 20
307 <212> TYPE: DNA
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311 <223> OTHER INFORMATION: Description of Artificial Sequence: Primer
313 <400> SEQUENCE: 22
314 tccgtttctc acaattctga 20
317 <210> SEQ ID NO: 23
318 <211> LENGTH: 20
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320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
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325 <400> SEQUENCE: 23
326 cctgaaatac gagaatatta 20
329 <210> SEQ ID NO: 24
330 <211> LENGTH: 20
331 <212> TYPE: DNA
332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
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338 taatattctc gtatttcagg 20
341 <210> SEQ ID NO: 25
342 <211> LENGTH: 20
343 <212> TYPE: DNA

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Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/833,079

DATE: 03/15/2002

TIME: 14:33:09

Input Set : A:\50939104.app

Output Set: N:\CRF3\03152002\I833079.raw

L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39

L:949 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39